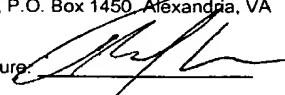


I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: May 14, 2003

Signature 



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Docket No.: 30566/30028
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Madeline M. Butler, *et al.*

Application No.: 09/915814

Group Art Unit: 1635

Filed: July 26, 2001

Examiner: Jane J. Zara

For: ANTISENSE MODULATION OF HORMONE-
SENSITIVE LIPASE EXPRESSION

MAY 19 2003

TECH CENTER 1600/2900

RECEIVED

I. AMENDMENT AND II. RESPONSE TO THE OFFICE ACTION OF JANUARY 14, 2003

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

I. AMENDMENT

Please amend the above-identified U.S. patent application as follows:

In the Claims

1. (Twice Amended) A compound 8 to 50 nucleobases in length targeted to a nucleic acid molecule encoding human hormone-sensitive lipase (SEQ ID NO: 3), wherein said compound ~~specifically hybridizes with~~ said nucleic acid molecule and inhibits the expression of human hormone-sensitive lipase by at least 5% in 80% confluent HepG2 cells in culture at an optimal compound concentration.

2. (Original) The compound of claim 1 which is an antisense oligonucleotide.

3. (Canceled)



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 110.00)

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order Other None
 Deposit Account

Deposit Account Number 13-2855

Deposit Account Name MARSHALL, GERSTEIN & BORUN

The Commissioner is hereby authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee

to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	750	2001	375	Utility filing fee	
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)		(\$ 0.00)			

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	** =		
Multiple Dependent	** =		

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1202	18	2202	9	Claims in excess of 20	
1201	84	2201	42	Independent claims in excess of 3	
1203	280	2203	140	Multiple dependent claim, if not paid	
1204	84	2204	42	** Reissue independent claims over original patent	
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)		(\$ 0.00)			

** or number previously paid, if greater; For Reissues, see above

Complete if Known	
Application Number	09/915,814
Filing Date	July 26, 2001
First Named Inventor	Madeline M. Butler
Examiner Name	J. Zara
Group Art Unit	1635
Attorney Docket No.	30566/30028

FEE CALCULATION (continued)					
Large Entity		Small Entity			
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	110.00
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	
Other fee (specify)		*Reduced by Basic Filing Fee Paid		SUBTOTAL (3) (\$ 110.00)	

SUBMITTED BY					
Complete (if applicable)					
Name (Print/Type)	Thomas J. Wrona, Ph.D.	Registration No. (Attorney/Agent)	44,410	Telephone	(312) 474-9559
Signature				Date	May 14, 2003

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Dated: May 14, 2003

Signature:

(Thomas J. Wrona, Ph.D.)